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U.S. PTO

UTILITY PATENT APPLICATION TRANSMITTAL

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(Only for new nonprovisional applications under 37 CFR 1.53(b))*

ADDRESS TO:	
Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450	
APPLICATION ELEMENTS	
1. <input checked="" type="checkbox"/> Transmittal Form with Fee 2. <input checked="" type="checkbox"/> Specification (including claims and abstract) [Total Pages 267] 3. <input checked="" type="checkbox"/> Drawings [Total Sheets 113] 4. <input type="checkbox"/> Oath or Declaration [Total Pages] a. <input type="checkbox"/> Newly executed b. <input type="checkbox"/> Copy from prior application [Note Boxes 5 and 18 below] i. <input type="checkbox"/> <u>Deletion of Inventor(s)</u> Signed statement attached deleting inventor(s) named in the prior application 5. <input type="checkbox"/> Incorporation by Reference: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. 6. <input checked="" type="checkbox"/> Application Data Sheet (See 37 CFR 1.76) 7. <input type="checkbox"/> Computer Code Listing (See 1.96) a. <input type="checkbox"/> Microfiche Appendix b. <input type="checkbox"/> CD-Rom (in duplicate, with separate transmittal) 8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission a. <input type="checkbox"/> Computer Readable Copy b. <input type="checkbox"/> Paper Copy c. <input type="checkbox"/> Statement verifying above copies 9. <input checked="" type="checkbox"/> Small Entity Status <input checked="" type="checkbox"/> is claimed <input checked="" type="checkbox"/> Statement filed in prior application; status still proper and desired <input type="checkbox"/> is no longer claimed. 19. <input checked="" type="checkbox"/> This is a CONTINUING APPLICATION. Please note the following: a. <input checked="" type="checkbox"/> This is a <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input checked="" type="checkbox"/> Continuation-in-part of prior U.S. Patent Application Serial No. 10/757,803, filed January 14, 2004, which is a continuation-in-part of U.S. Patent Application No. 10/720,448, filed November 24, 2003, which is a continuation-in-part of U.S. Patent Application No. 10/693,059, filed October 23, 2003, which is a continuation-in-part of U.S. Patent Application No. 10/444,853, filed May 23, 2003 and a continuation-in-part of 10/652,791, filed August 29, 2003, which is a continuation of 10/422,704, filed April 24, 2003, which is a continuation of U.S. Patent Application No. 10/417,012, filed April 16, 2003. This application is also a continuation-in-part of International Patent Application No. PCT/US03/05346, filed February 20, 2003, and a continuation-in-part of International Patent Application No. PCT/US03/05028, filed February 20, 2003, both of which claim the benefit of U.S. Provisional Application No. 60/358,580 filed February 20, 2002, U.S. Provisional Application No. 60/363,124 filed March 11, 2002, U.S. Provisional Application No. 60/386,782 filed June 6, 2002, U.S. Provisional Application No. 60/406,784 filed August 29, 2002, U.S. Provisional Application No. 60/408,378 filed September 5, 2002, U.S. Provisional Application No. 60/409,293 filed September 9, 2002, and U.S. Provisional Application No. 60/440,129 filed January 15, 2003. This application is also a continuation-in-part of US Patent Application No. 10/427,160, filed April 30, 2003 and International Patent Application No. PCT/US02/15876 filed May 17, 2002. b. <input type="checkbox"/> Cancel in this application original claims of the prior application before calculating	
ACCOMPANYING APPLICATION PARTS	
10. <input type="checkbox"/> Assignment Papers 11. <input type="checkbox"/> Power of Attorney 12. <input type="checkbox"/> English Translation Document (if applicable) 13. <input type="checkbox"/> Information Disclosure Statement (IDS) <input type="checkbox"/> PTO-1449 Form <input type="checkbox"/> Copies of IDS Citations 14. <input type="checkbox"/> Preliminary Amendment 15. <input checked="" type="checkbox"/> Return Receipt Postcard (Should be specifically itemized) 16. <input type="checkbox"/> Certified Copy of Priority Document(s) 17. <input type="checkbox"/> A Request for non-publication pursuant to 35 U.S.C. § 122(b)(2)(B)(i) 18. <input checked="" type="checkbox"/> Other: Check	

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the filing fee. (At least one claim must remain.)

- c. Amend the specification by inserting before the first line the sentence:
This is a continuation divisional continuation-in-part
of application Serial No.
- d. The prior application is assigned of record to

UTILITY PATENT APPLICATION TRANSMITTALAttorney Docket No. 03-465-D
(400.151)**APPLICATION FEES**

BASIC FEE				\$ 770.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	32 -20 =	12	x \$18.00	\$ 216.00
Independent Claims	1 - 3 =		x \$86.00	\$
<input type="checkbox"/> Multiple Dependent Claims(s) if applicable				+\$290.00 \$
				Total of above calculations = \$ 986.00
				Reduction by 50% for filing by small entity = \$(493.00)
<input type="checkbox"/> Assignment fee if applicable				+ \$40.00 \$
				TOTAL = \$ 493.00

20. Please charge my Deposit Account No. 13-2490 in the amount of \$21. A check in the amount of \$493.00 is enclosed.

22. The Commissioner is hereby authorized to credit overpayments or charge any additional fees of the following types to Deposit Account No. 13-2490:

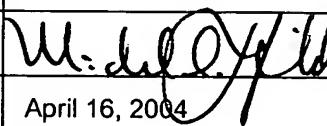
- a. Fees required under 37 CFR 1.16.
b. Fees required under 37 CFR 1.17.
c. Fees required under 37 CFR 1.18.

23. The Commissioner is hereby generally authorized under 37 CFR 1.136(a)(3) to treat any future reply in this or any related application filed pursuant to 37 CFR 1.53 requiring an extension of time as incorporating a request therefor, and the Commissioner is hereby specifically authorized to charge Deposit Account No. 13-2490 for any fee that may be due in connection with such a request for an extension of time.

24. CERTIFICATE OF MAILING

I hereby certify that, under 37 CFR § 1.10, I directed that the correspondence identified above be deposited with the United States Postal Service as "Express Mail Post Office to Addressee," addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on the date indicated below.

25. USPTO CUSTOMER NUMBER**20306****McDonnell Boehnen Hulbert & Berghoff LLP****26. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED**

Name	Michael S. Greenfield
Reg. No.	37.142
Signature	
Date	April 16, 2004